| (Rev. 5/92) Information Disclosure Statement List                                  | Attorney Docket Number:<br>HII-108                  | Serial Number:<br>10/712,407 |  |  |  |
|--|---|------------------------------|--|--|--|
| By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary) | Applicant: Thomas P. Hartness, et al.               |                              |  |  |  |
|  | Filing Date November 13, 2003 Confirmation No: 6828 | Group Art Unit:<br>3651      |  |  |  |

## U.S. PATENT DOCUMENTS

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| Dr.      | •                 | i |  |      |  |                |              |  | 1           | Ì  |
|          | Parsons           | 6 | 5  | 3    | 3  | <b>T1</b>      | 2            | 6  | 03/2003     | 5  |
|          | De Vos, et al.    | 6 | 2  | 3    | 4  | 3              | 0            | 0  | 05/2001     | 5  |
|          | de Greef          | 4 | 8  | 5    | 6  | 1              | 4            | 4  | 08/1989     | 5  |
|          | Richard           | 4 | 5  | 3    | 3  | 0              | 3            | 8  | 08/1985     | 5  |
|          | von Hofen         | 4 | 5  | 2    | 4  | 8              | 6            | 5  | 06/1985     | 5  |
|          | Polderman         | 4 | 2  | 9    | 1  | 7              | 3            | 3  | 09/1981     | 5  |
|          | Spencer, et al.   | 4 | 0  | 3    | 3  | 8              | 6            | 2  | 07/1977     | 5  |
|          | Henrekson         | 3 | 9  | 1    | 0  | 4              | 0            | 4  | 10/1975     | 5  |
|          | Strauss           | 3 | 8  | 6    | 0  | 1              | 0            | 4  | 01/1975     | 5  |
|          | Carter, et al.    | 3 | 7  | 5    | 4  | 6              | 3            | 7  | 08/1973     | 5  |
|          | Banyas            | 3 | 5  | 9    | 0  | 9              | 8            | 2  | 07/1971     | 5  |
|          | Pellerino, et al. | 3 | 1  | 6    | 8  | 1              | 2            | 1 3  | 01/1962     | 5  |
| V        | Schwarzkopf       | 2 | 7  | 6    | 6  | 6              | 3            | 5  | 10/1954     | 5  |
| G M      | Sheel             | 1 | 8  | 8    | 3  | ō              | ō            | 7  | 05/1930     | 5  |
| NO I     | Ayars             | 1 | 0  | 7    | 3  | 10             | 6            | + 7  | 09/1913     | 5  |
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|          |                   |   | <del>                                     </del> | 1    | <del>                                     </del> | 1              | _            | <del> </del>                                     | <del></del> | +  |

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|       |                     | JР   | 20  | 0               | 2 | 2 | 4  | 9 | 2 | 1  | 5  | 09/2002             |             | X           |                         |             |
|       |                     | EP   |     | 1               | 1 | 8 | 8  | 6 | 9 | 2  | A2 | 03/2002             | 1           | -           | $\overline{\mathbf{x}}$ | [           |
|       |                     | EP   |     | 1               | 0 | 6 | 1  | 0 | 1 | 4  | A1 | 12/2000             |             |             | $\frac{x}{x}$           |             |
|       |                     | WO   |     | 5               | 1 | 9 | 1  | 9 | A |    |    | 09/2000             | X           | · · · · · · |                         |             |
|       |                     | DE   | 19  | 6               | 3 | 7 | 6  | 2 | 4 | Α  | 1  | 03/1998             | x           | <del></del> |                         |             |
|       |                     | ЛР   |     | 8               | 1 | 2 | 0  | 9 | 6 | 6  |    | 05/1996             |             | x           |                         |             |
|       |                     | JΡ   |     | 7               | 2 | 0 | 6  | 1 | 2 | 3  |    | 08/1995             |             | X           |                         | -           |
|       |                     | EP   |     | 0               | 4 | 7 | 1  | 4 | 0 | 1  | A2 | 02/1992             |             |             | Х                       |             |
|       |                     | EP   |     | 0               | 3 | 6 | 6  | 0 | 6 | 7  | A1 | 05/1990             |             |             | $\mathbf{x}$            |             |
|       |                     | JР   |     | S               | 6 | 0 | 8  | 7 | 1 | 1  | 1  | 05/1985             | X           |             |                         |             |
|       |                     | JР   |     | 5               | 7 | 2 | 0  | 9 | 1 | 0  | 4  | 12/1982             |             | X           |                         |             |
|       |                     | JР   |     | 5               | 7 | 8 | 5  | 7 | 1 | 4  |    | 05/1982             |             | X           |                         |             |
|       |                     | GB   |     | 1               | 2 | 6 | 4  | 6 | 2 | 2  |    | 02/1972             |             |             | x                       | <del></del> |
| _ N/  |                     | DE   |     | 2               | 1 | 5 | 3  | 0 | 7 | 8  |    | 10/1971             |             | X           |                         |             |
|       |                     | MC   |     | 3               | 5 | 1 | 6  | 2 | 3 | 2  | 8  | 05/1962             |             | X           |                         |             |
| -cm   |                     | FR   |     | 1               | 1 | 9 | 5  | 5 | 5 | 0  |    | 11/1959             |             | X           |                         |             |
| JUI   |                     | GB   |     | 5               | 1 | 3 | 2  | 6 | 0 |    |    | 10/1939             |             |             | X                       |             |

| EXAMINER | NITIALS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication |            |           |  |  |  |
|----------|--|------------|-----------|--|--|--|
| INITIALS |  |            |           |  |  |  |
| 7,811    | US Patent Application 2003/0037514   | 02/27/2003 | NOTE<br>5 |  |  |  |
| 2/0      | US Patent Application 2003/0029700   | 02/13/2003 | 5         |  |  |  |
|          | US Patent Application 2001/0027825   | 10/11/2001 | 5         |  |  |  |
|          | Patent Abstracts of Japan JP 2002249215  | 09/03/2002 |           |  |  |  |
|          | Patent Abstracts of Japan JP 2000255736  | 09/19/2000 |           |  |  |  |
|          | Patent Abstracts of Japan JP08120966A  | 05/14/1996 |           |  |  |  |
| 11/      | Patent Abstracts of Japan JP07206123   | 08/08/1995 |           |  |  |  |
| _4/      | Patent Abstracts of Japan JP57085714   | 05/28/1982 |           |  |  |  |
| V        | Patent Abstracts of Japan JP57209104   | 12/22/1982 |           |  |  |  |
| 2011)    | Int'l Search Report and Written Opinion for PCT/US2004/037115                        | 03/14/2005 |           |  |  |  |

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